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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/082,618

DATE: 06/06/2002  
TIME: 10:34:29

Input Set : A:\70050003.app  
Output Set: N:\CRF3\06062002\J082618.raw

ENTERED

3 <110> APPLICANT: OLSTEIN, ALAN D.  
4 FEIRTAG, JOELLEN  
6 <120> TITLE OF INVENTION: BACTERIOCIN-METAL COMPLEXES IN THE DETECTION OF  
7 PATHOGENS AND OTHER BIOLOGICAL ANALYTES  
9 <130> FILE REFERENCE: 7005-0003  
11 <140> CURRENT APPLICATION NUMBER: 10/082,618  
12 <141> CURRENT FILING DATE: 2002-02-22  
14 <160> NUMBER OF SEQ ID NOS: 8  
16 <170> SOFTWARE: PatentIn Ver. 2.1  
18 <210> SEQ ID NO: 1  
19 <211> LENGTH: 52  
20 <212> TYPE: PRT  
21 <213> ORGANISM: Staphylococcus gallinarum  
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27 Val Asn Ala Lys Glu Ser Asn Asp Ser Gly Ala Glu Pro Arg Ile Ala  
28 20 25 30  
30 Ser Lys Phe Leu Cys Thr Pro Gly Cys Ala Lys Thr Gly Ser Phe Asn  
31 35 40 45  
33 Ser Tyr Cys Cys  
34 50  
37 <210> SEQ ID NO: 2  
38 <211> LENGTH: 60  
39 <212> TYPE: PRT  
40 <213> ORGANISM: Staphylococcus epidermidis  
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47 20 25 30  
49 Arg Ala Ser Val Lys Gln Cys Gln Lys Thr Leu Lys Ala Thr Arg Leu  
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57 <211> LENGTH: 22  
58 <212> TYPE: PRT  
59 <213> ORGANISM: Streptococcus mutans  
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65 Phe Asn Ser Tyr Cys Cys

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71 <212> TYPE: PRT
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81 Pro Gly Cys Val Thr Gly Ala Leu Gln Thr Cys Phe Leu Gln Thr Leu
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89 <211> LENGTH: 57
90 <212> TYPE: PRT
91 <213> ORGANISM: Lactococcus lactis
93 <400> SEQUENCE: 5
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97 Asp Ser Gly Ala Ser Pro Arg Ile Thr Ser Thr Ser Leu Cys Thr Pro
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136          20          25          30

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148 <213> ORGANISM: Streptococcus lactis
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153 aatagaaaca ttaacaaatc taaaacagtc ttaattctat cttgagaaag tattggtaat 180
154 aatattattg tcgataacgc gagcataata aacggctctg attaaattct gaagtttggt 240
155 agatacaatg atttcgttcg aaggaaactac aaaataaatt ataaggaggc actcaaatg 300
156 agtacaaaag attttaactt ggatttggtg tctgtttcga agaaagattc aggtgcatca 360
157 ccacgcatta caagtatttc gctatgtaca cccggttgta aaacaggagc tctgatgggt 420
158 tgtaacatga aaacagcaac ttgtcattgt agtattcacg taagcaaata accaaatcaa 480
159 aggatagtat tttgttagtt cagacatgga tactatccta tttttataag ttatttaggg 540
160 ttgctaaata gcttataaaa ataaagagag gaaaaaacat gataaaaagt tcatttaaag 600
161 ctcaaccggt tttagtaaga aatacaattt tatctccaaa cgataaacgg agttttactg 660
162 aatatactca agtcattgag actgtaagta aaaataaagt ttttttgga cagttactac 720
163 tagctaatacc taaactctat gatgttatgc agaaatataa tgctggt 767

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**VERIFICATION SUMMARY**

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